

The Green Solution When Combine with Sunlight, and Create Mutual Benefit

About Ecolohas

Ecolohas Energy Technology Co., Ltd, established in 1998, focuses on integration of renewable energy system and power storage system, and owns a energy communication strong and power configuration technology team. Recently, they emphasize and invest heavily on the research development of solar energy system and power storage system design. Furthermore, they are proactively integrating and managing the products to build an array of energy network, decentralized energy, and smart micro-grid, which fulfills community needs. This could raise renewable energy power efficiency, thereby minimizing excess carbon emissions challenges, which would lead to a green sustainable, environmental friendly, and energy saving world.

節能屋能源

Ecolohas Energy Technology Co., Ltd.

Ecolohas Energy Technology

Tel / +886-7-215-4567 Fax / +886-7-215-6999 Address / 7F.-6, No. 211, Zhongzheng 4th Rd., Qianjin Dist., Kaohsiung City 801301 kevin@ecolohas.com.tw



Product Introduction

Smart Energy Storage System

The mobile smart energy storage system is specially developed for indoor and outdoor electricity use and is strong, durable, waterproof and dustproof. Furthermore, it has remote monitoring features that is able to monitor the solar energy power generating status and the battery storage status through the internet anywhere anytime. Cost for maintenance is low, and completely made in Taiwan.



Hybrid Energy Storage System

- Able to provide electrical load from sunlight or power grid.
- Able to store solar photovoltaic into the batteries or onto the power grid.
- Become the emergency backup power during power outage.

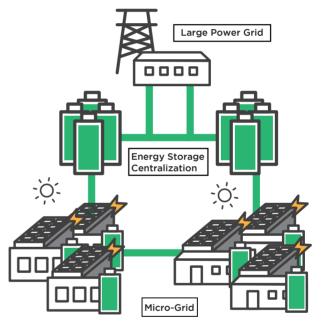
Off Grid Type Energy Storage System

- Able to provide electrical load from sunlight or fuel cell.
- Able to store solar photovoltaic into the batteries.
- The fuel cell used as a backup power.



Smart Micro-Grid System

The home based smart micro-grid system integrates renewable energy system, energy storage system, solar energy power converter, 2 way charging and discharging battery device and smart energy management system (SEMS). By utilizing SEMS, and relevant components, the system could maximize solar energy. The product could also provide electricity for household appliances and equipment, such as electric lights, air conditioners...etc. After years of testing, the system have been verified in islands and disaster areas within Taiwan. By combining distributed energy storage facilities and centralized energy storage control, it could truly achieve the goal of smart micro-grid, in which the utility power substitution rate can reach 80%.



Operating the Smart Grid and Micro Grid Integration System

Solar Energy + Small Energy Storage



Innovative Technology

Solar energy is a ready to be used energy.



Low Malfunction Rate

control.



Double Support

Automatic adjustment of solar energy and utility power.



Convenient Installation Small sized quick

coupling.



Great Efficiency

Control the Maximum Power Point Tracking (MPPT).

